FOS CDR RID Report

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Section **Page** **Figure Table**

Category Name Ops Scenario **Actionee** ECS
Sub Category
Subject SSR management tool

Description of Problem or Suggestion:

Current SSR management tools design does not address anomalies such as the loss of CODA/UPD messages.
The capabilities provided to the FOT for resynchronization of the SSR management tool with actual “as-flown”information has not been provided.

Originator’s Recommendation

Provide a clarification of the design in the event of an EDOS or NCC communication anomaly (or in the event of conflicting information from the two sources).

GSFC Response by: **GSFC Response Date**

HAIS Response by: Jon Kuntz **HAIS Schedule**
HAIS R. E. Scott Carter **HAIS Response Date** 11/10/95

The SSR management tool will be simultaneously monitoring telemetry data, EDOS messages, and NCC messages. The correlation of all this information will provide the tool with the capability to assess the status of the SSR playback and provide recommended solutions when anomalous conditions arise. Should there be a loss of EDOS or NCC messages, the SSR model will recognize the loss and notify the FOT. The SRR management tool does provide the flexibility which allows the FOT to tailor it to respond in the appropriate fashion. The FOT will be provided with a user interface which will allow them to update the model based upon their knowledge. Upon completion of the playback the SSR management tool will provide actuals to Planning & Scheduling which will allow Planning & Scheduling to update the Resource Model with "as flown" data.

The detailed design of the SSR managament tool is documented in the FOS Analysis Design Specification for the ECS Project (CDRL 305-CD-047-001). Section 3.5 of the document describes the SSR management tool. The FOS will continually work with the ECS and LMC FOT to define the characteristics of the SSR playbacks and recovery recommendations.

Status **Closed** **Date Closed** **1/18/96** **Sponsor** **Johns**

****** **Attachment if any** ******